



(S//SI) Norwegian-US Conference Held at Ft Meade and Colorado

FROM: [REDACTED]
Country Desk Officer for Norway (DP11)
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(S//SI) Conferees talk about SIGDEV Working Group projects, Norway's use of CENTER ICE in Afghanistan, and ELINT collaboration.

(S//SI) The 2006 NORUSA Annual Planning Conference between NSA and the Norwegian Intelligence Service (NIS) was held at NSA Headquarters from 3-5 April 2006. A final day at NSA/CSS Colorado on 7 April brought the conference to a successful close.

(S//SI) Tom Rykken, Director of NIS's Technical Collection Division, led a delegation of six senior managers representing the International Analysis, Technology and Operational Programs, Collection, Regional Analysis, and Technical Support Sub-Divisions at NIS. Tom then led a slightly smaller delegation to Denver.

(S//SI) The agenda for this year's conference featured briefings and discussions on topics as diverse as the latest projects undertaken by the joint NSA/NIS SIGINT Development Working Group (SIGDEV WG), the successes associated with Norway's use of CENTER ICE in Afghanistan, and NSA/NIS collaboration on ELINT analysis.

(S//SI) Established in December 2004, the joint NSA/NIS SIGDEV WG initially focused on increasing target exploitation against Russian Navy C4I* and advanced signals, the Russian Ministry of Emergency Situations and its ties to counterterrorism and nuclear BW/CW/security*, and HF Data Networks. Energized by the early successes of the SIGDEV WG, conference participants committed to forming new joint teams to undertake future projects and further analytic sharing. The new teams will work on CP and Russian Civil communications issues. The recent transition of Norway's state-of-the-art FORNSAT facility ([VICTORY GARDEN](#)) to operational status will help pave the way for NSA/NIS collaboration in these arenas. As VICTORY GARDEN allows NIS to "see" 130 foreign satellites, we can expect that new intelligence benefiting both partners will quickly rise in parallel with Norway's enhanced capabilities.

(S//SI) To their credit, and as noted early in the conference, the Norwegians have also contributed significantly to multinational operations in Kosovo and Afghanistan this past year. LTG Alexander pointed out in his opening remarks that Norway was the first coalition partner in Afghanistan to use CENTER ICE - an information sharing system that includes a secure, tactical communications system that connects coalition SIGINT units. (See [related article](#).) Norway's efforts with CENTER ICE set the standard for other coalition partners, and benefited not only US troops stationed in Afghanistan, but also Canadian, British and Australian forces as well.

[REDACTED]

Back row, left to right: (S//SI) [REDACTED], NIS; [REDACTED] TLO; [REDACTED], NIS; [REDACTED], Chief, DP3; Tom Rykken, NIS; [REDACTED], DP312; [REDACTED], Chief, SD2; Ken Dworkin, NSA/CSS Colorado Tech Director; [REDACTED] D/Dir NSA/CSS Colorado; [REDACTED], Chief, SD1; [REDACTED], BRIDGEBOUNCE POC
Front row, left to right: (U//FOUO) [REDACTED], Chief, Systems Engineering; [REDACTED], CDO; [REDACTED] SLO; [REDACTED], wife of [REDACTED]

(S//SI) At the conclusion of the NSA HQ session, a slightly smaller delegation headed off for Denver to meet with representatives of the Headquarters of the Global TECH SIGINT Enterprise for the last day of the conference. During their visit, the NIS delegation was briefed on NSA/CSS Colorado's capabilities and future direction. The NIS delegation also toured NSA mission areas

on the Operations Floor (Maritime Analysis Support Team, PROFORMA, and ELINT Unidentified (EUI) areas). Of note, this delegation was the first Third Party to receive live demos at the Interactive ELINT Processor position as well as Auto-HP, where processors receive, identify and report ELINT signals.

(S//SI) Echoing themes raised earlier in the week, NORUSA conference participants commented on the close collaboration between NIS ELINT analysts and Denver's National Technical ELINT Center. [REDACTED], Chief Analysis and Production - Colorado, underscored the need to share the workload and avoid duplication of effort with respect to the analysis of foreign radar signals. As a result of their discussions, both sides agreed to establish direct connectivity between NSA/NIS ELINT analysts to enhance cooperation.

(S//SI) After the conference ended, the NIS delegation and NSA/CSS Colorado leadership team took in some sightseeing at Red Rocks. Located just outside Denver, Red Rocks offers a beautiful collection of natural sandstone formations as well as a 9000-seat man-made amphitheater. Dinner at the award-winning "The Fort" restaurant situated nearby, with its two-foot-thick adobe walls, beamed ceilings, and mid-nineteenth century artifacts, capped the evening off and gave our visitors some memories that they are not likely to soon forget!

* (U) Notes:

C4I = Command, Control, Communications, Computers, And Intelligence

BW/CW = Biological Warfare/Chemical Warfare

(U//FOUO) This article is reprinted from the *Foreign Affairs Digest*, June edition.

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